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U.S. PATENT DOCUMENTS

	EXAMINER INITIAL	DOCUMENT NUMBER							DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPRO- PRIATE
	AR)	4	3	5	9	3	5	9	11/1982	Gerlach et al.			
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FOREIGN PATENT DOCUMENTS

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U.S. PATENT DOCUMENTS

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M	F	2	5	5	6	3	3	6	06/1951	Nye			
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MC	3	7	0	2	6	1	5	08/88	Germany			Х	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL	
	"Morphology of Water-Blown Flexible Polyurethane Foams," Armisted et al., Journal of Applied Polymer Science, Vol. 35, pp. 601-29, 1988
MC	"Renewable Raw Materials - An Important Basis for Urethane Chemistry," Urethane Technology, Vol. 14, No. 2, April/May 1997, Crain Communications 1997

EXAMINER CADAQU	DATE CONSIDERED
EXAMINER: Initial incitation considered, whether or not through citation if not in conformance and not considered applicant.	citation is in conformance with MPEP 609; Draw line I. Include copy of this form with next communication to

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL	
NC	"Model/MDI/Butendiol Polyurethanes: Molecular Structure, Morphology, Physical and Mechanical Properties," Christenson et al., Journal of Polymer Science; Part B: Polymer Physics, Vol. 24, pp. 1401-1439, 1986
M	"Chemoenzymatic Synthesis of Urethane Oil Based on Special Functional Group Oil," M.D. Bhabhe and V.D. Athawale, Journal of Applied Polymer Science, Vol. 69, 1451-1458, 1998

EXAMINER DOAM	DATE CONSIDERED 11/04
EXAMINER: Initial if citation considered, whether or not through citation if not in conformance and not considered applicant.	citation is in conformance with MPEP 609; Draw line I. Include copy of this form with next communication to
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U.S. PATENT DOCUMENTS

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL		
AC		U.S. Patent Application Publication No. 2003/0143910 A1, published July 31, 2003, to Mashburn et al.
MC		U.S. Patent Application Publication No. 2002/0192456 A1, published December 19, 2002, to Mashburn et al.
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U.S. PATENT DOCUMENTS

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL	
DP	Nakamura et al., Kobunshi Robunshu, "Preparation of Polyurethane Foam From Waste Vegetable Oil," 50 (11), pp. 881-886, (1993)
MR	Colvin et al., UTECH Asia, "Low Cost Polyols from Natural Oils," Paper 36, 1995

EXAMINER OOONT	DATE CONSIDERED
EXAMINER: Initial if citation considered, whether or not through citation if not in conformance and not considered applicant.	t citation is in conformance with MPEP 609; Draw line d. Include copy of this form with next communication to

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U.S. PATENT DOCUMENTS

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL	
MC	Renewable raw materials - an important basis for urethane chemistry: Urethane Technology: vol. 14, no. 2, April/May 1957, Crain Communications 1997.

EXAMINER COONCY	DATE CONSIDERED 11/03
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